

Construct Target Array with Multiple Sums [\(View\)](#)

You are given an array `target` of n integers. From a starting array `arr` consisting of n 1's, you may perform the following procedure :

- let x be the sum of all elements currently in your array.
- choose index i , such that $0 \leq i < n$ and set the value of `arr` at index i to x .
- You may repeat this procedure as many times as needed.

Return `true` if it is possible to construct the `target` array from `arr`, otherwise, return `false`.

Example 1:

Input: `target = [9,3,5]`

Output: `true`

Explanation: Start with `arr = [1, 1, 1]`

`[1, 1, 1]`, sum = 3 choose index 1

`[1, 3, 1]`, sum = 5 choose index 2

`[1, 3, 5]`, sum = 9 choose index 0

`[9, 3, 5]` Done

Example 2:

Input: `target = [1,1,1,2]`

Output: `false`

Explanation: Impossible to create target array from `[1,1,1,1]`.

Example 3:

Input: `target = [8,5]`

Output: `true`

Constraints:

- `n == target.length`
- `1 <= n <= 5 * 104`
- `1 <= target[i] <= 109`